

TABLE OF CONTENTS

TABLE OF CONTENTS	1
LIST OF FIGURES AND TABLES.....	3
LIST OF FIGURES.....	3
LIST OF TABLES.....	3
EXECUTIVE SUMMARY	4
INTRODUCTION.....	6
FIRE PLAN CONCEPT AND PROCESS	6
<i>Goal and Objectives.....</i>	6
<i>Fire Plan Framework</i>	7
TUOLUMNE-CALAVERAS UNIT FIRE PLAN CONCEPT.....	9
TUOLUMNE-CALAVERAS UNIT DESCRIPTION	12
<i>Geographic</i>	12
<i>Socioeconomic</i>	12
<i>Fire Environment.....</i>	13
<i>CDF Facilities and Resources</i>	13
<i>Fire Protection Responsibilities</i>	14
STAKEHOLDER PROCESS-FIRE SAFE COUNCIL	18
FUELS, WEATHER, LEVEL OF SERVICE & ASSETS AT RISK	20
FUELS	20
<i>TCU Current Fuels</i>	21
<i>Historic Fuels and Planning Belts.....</i>	25
<i>Fuel Hazard Rank.....</i>	25
WEATHER.....	28
<i>Weather Station Coverage</i>	28
<i>Weather Rank.....</i>	29
LEVEL OF SERVICE	29
ASSETS AT RISK	35
<i>Water and Power</i>	35
<i>Structures.....</i>	35
<i>Timber.....</i>	36
<i>Recreation and Scenic</i>	37
<i>Air Quality</i>	37
<i>Historic Buildings.....</i>	38
<i>Wildlife.....</i>	38
<i>Infrastructure.....</i>	38
UNIT-WIDE AND BATTALION PRE-FIRE MANAGEMENT PLANS	40
STANISLAUS NATIONAL FOREST – SCOPE OF FUEL MANAGEMENT PROGRAM	41
TUOLUMNE-CALAVERAS UNIT 2005 PRE-FIRE MANAGEMENT PLAN CDF PROJECT LIST.....	42
UNIT-WIDE PLAN	45
<i>Unit-Wide High Hazard Fuels Prescriptions</i>	45
<i>Unit-Wide Structure Ignitability Summary</i>	46

<i>Unit-Wide Structure Ignitability Prescriptions</i>	48
<i>2004 Unit-Wide Ignition Summary and 2005 Ignition Management Prescriptions</i>	48
<i>Unit-Wide Large Damaging Fire History Summary and Prescriptions</i>	50
BATTALION 11 PLAN	52
<i>Battalion 11 Overview</i>	52
<i>Battalion 11 Fuels, Assets at risk, Ignition and Fire History Summary</i>	52
<i>Battalion 11 Prescriptions</i>	53
BATTALION 12 PLAN	57
<i>Battalion 12 Overview</i>	57
<i>Battalion 12 Fuels, Assets at risk, Ignition and Fire History Summary</i>	57
<i>Battalion 12 Prescriptions</i>	58
BATTALION 13 PLAN	62
<i>Battalion 13 Overview</i>	62
<i>Battalion 13 Fuels, Assets at risk, Ignition and Fire History Summary</i>	63
<i>Battalion 13 Prescriptions</i>	65
BATTALION 14 PLAN	69
<i>Battalion 14 Overview</i>	69
<i>Battalion 14 Fuels, Assets at risk, Ignition and Fire History Summary</i>	70
<i>Battalion 14 Prescriptions</i>	71
BATTALION 15 PLAN	80
<i>Battalion 15 Overview</i>	80
<i>Battalion 15 Fuels, Assets at risk, Ignition and Fire History Summary</i>	80
<i>Battalion 15 Prescriptions</i>	82
<i>Tuolumne County Fire Marshal WUI Mitigations</i>	89
BATTALION 16 PLAN	95
<i>Battalion 16 Overview</i>	95
<i>Battalion 16 Fuels, Assets at risk, Ignition and Fire History Summary</i>	95
<i>Battalion 16 Prescriptions</i>	96
FIRE SAFE COUNCIL ACTIVITIES	100
CALAVERAS FOOTHILLS FIRE SAFE COUNCIL.....	100
<i>2001 Fire Safe Council Formation Grant Project</i>	100
<i>2001 Fire Safe Council Operating Costs Grant</i>	100
<i>Fire Safe Council Operations 2003 Through 2004</i>	101
<i>Fire Safe Council Operations 2005</i>	102
<i>Western Alpine County</i>	102
HIGHWAY 108 FIRE SAFE COUNCIL.....	104
YOSEMITE FOOTHILLS FIRE SAFE COUNCIL.....	105
INSTITUTIONAL AND OTHER ISSUES	106
UNIT-WIDE BLM PROJECTS	108
<i>2005 AND BEYOND ACTIVITIES</i>	108

List of Figures and Tables

List of Figures

Figure 1: Tuolumne-Calaveras Fire Plan Concept	11
Figure 2: Tuolumne-Calaveras Unit Map.....	17
Figure 3: Current Fuels Map.....	23
Figure 4: Historic Fuels Map	24
Figure 5: Planning Belt Map.....	26
Figure 6: Fuel Hazard Rank Map	27
Figure 7: LOS (Ignition Workload) analysis for the grass planning belt in TCU.	30
Figure 8: TCU Level of Service Map	32
Figure 9: TCU Ignition Density Map	33
Figure 10: TCU Ignition Failure Map.....	34
Figure 11: TCU Major Fire History Map	51

List of Tables

Table 1: TCU Fuels by Planning Belt.....	25
Table 2: TCU LOS by Planning Belt.....	31
Table 3: Calaveras County Communities at Risk list	36
Table 4: Tuolumne County Communities at Risk list	36
Table 5: TCU 2005 Pre-Fire Management Plan Project List.....	42
Table 6: Stanislaus National Forest Calaveras Ranger District completed projects in Battalion 13.....	68
Table 7: Stanislaus National Forest Calaveras District completed projects in Battalion 14.	76
Table 8: Stanislaus National Forest Calaveras District active and planned projects in Battalion 14.	77
Table 9: Battalion 15 Large Fire History.....	82
Table 10: Highway 108 Strategic Fire Planning Group 2005/2006 Projects	94